Future Flight Design			
2004 Science			
Performance Standards			
Georgia Science			
Grade 5			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	GA	SCI.5.S5CS5.c	Use numerical data in describing and comparing objects and events.
Air Transportation Problem	GA	SCI.5.S5CS8.a	Scientific investigations may take many different forms, including observing what things are like or what is happening somewhere, collecting specimens for analysis, and doing experiments.
Air Transportation Problem	GA	SCI.5.S5CS8.b	Clear and active communication is an essential part of doing science. It enables scientists to inform others about their work, expose their ideas to criticism by other scientists, and stay informed about scientific discoveries around the world.
Future Flight Design			
2004 Science			
Performance Standards			
Georgia Science			
Grade 6			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	GA	SCI.6.S6CS3.d	Draw conclusions based on analyzed data.
Air Transportation Problem	GA	SCI.6.S6CS9.a	Scientific investigations are conducted for different reasons. They usually involve collecting evidence, reasoning, devising hypotheses, and formulating explanations.
Air Transportation Problem	GA	SCI.6.S6CS9.b	Scientists often collaborate to design research. To prevent bias, scientists conduct independent studies of the same questions.
Aircraft Design Problem	GA	SCI.6.S6CS9.b	Scientists often collaborate to design research. To prevent bias, scientists conduct independent studies of the same questions.
Future Flight Design			
2004 Science			
Performance Standards			
Georgia Science			
Grade 7			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	GA	SCI.7.S7CS3.b	Use the mean, median, and mode to analyze a set of scientific data.
Air Transportation Problem	GA	SCI.7.S7CS3.d	Draw conclusions based on analyzed data.

Air Transportation Problem	GA	SCI.7.S7CS9.b	Scientific investigations usually involve collecting evidence, reasoning, devising hypotheses, and formulating explanations to make sense of collected evidence.
Air Transportation Problem	GA	SCI.7.S7CS9.d	Scientists often collaborate to design research. To prevent this bias, scientists conduct independent studies of the same questions.
Aircraft Design Problem	GA	SCI.7.S7CS9.d	Scientists often collaborate to design research. To prevent this bias, scientists conduct independent studies of the same questions.
Future Flight Design			
2004 Science			
Performance Standards			
Georgia Science			
Grade 8			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	GA	SCI.8.S8CS3.b	Find the mean, median, and mode and use them to analyze a set of scientific data.
Air Transportation Problem	GA	SCI.8.S8CS9.a	Investigations are conducted for different reasons, which include exploring new phenomena, confirming previous results, testing how well a theory predicts, and comparing different theories. Scientific investigations usually involve collecting evidence, reasoning, devising hypotheses, and formulating explanations to make sense of collected evidence.
Air Transportation Problem	GA	SCI.8.S8CS9.d	Scientists often collaborate to design research. To prevent this bias, scientists conduct independent studies of the same questions.
Aircraft Design Problem	GA	SCI.8.S8CS9.d	Scientists often collaborate to design research. To prevent this bias, scientists conduct independent studies of the same questions.
Aircraft Design Problem	GA	SCI.8.S8P3.b	Demonstrate the effect of balanced and unbalanced forces on an object in terms of gravity, inertia, and friction.